

BUYING? SELLING? RENTING? HIRING? GO CLASSIFIED

Octane Ratings: What Are They?

By Virginia Knauer
Special Assistant to the President
and Director
Office of Consumer Affairs

A proposed regulation issued by the Cost of Living Council may soon require the posting of octane ratings on all gasoline pumps.

To make the most of this information—should the regulation be implemented on Sept. 12—you may want to learn more about what octane is and how it works.

According to the American Petroleum Institute (API), octane is a measure of a gasoline's ability to resist knock. Knock is a sharp, metallic noise resulting from uncontrolled combustion in the car's engine. Knock loud enough to be audible may be annoying, but it will rarely cause engine damage. Intense, sustained knock, on the other hand, can harm engine pistons.

As a basic rule of thumb, 94 is the octane rating of regular gas and 100 is the rating for premium. Premium is often required for cars with large, high-compression engines. These engines are more powerful than smaller engines, but they also have a greater tendency to knock—consequently, they need gasoline of a higher octane number.

There is no benefit from using gasoline higher in octane number than needed to prevent knock. (For this reason, regular gas is usually recommended for small cars.) Why pay the extra price for higher octane gas when the lower cost-per-gallon gas will do the job and not damage your car's engine?

In addition to your car's engine size, there are other factors that influence the knocking characteristics of a car:

- Temperature—higher octane gas may be needed in hot weather to avoid knock;
- Altitude and humidity—higher octane gas usually

is needed in lower altitudes and when humidity is low;

• Spark timing—when the spark-timing setting is advanced, the engine needs higher octane to control knock;

• Method of driving—sudden acceleration may result in a need for greater octane; start-and-stop driving increases combustion deposit build-up and thus increases the need for higher octane.

The following are some suggestions from API that may help you determine the octane requirements for your car:

• Consider the manufacturer's recommendations or discuss the selection of gasoline with your local car dealer.

• If sustained knock is encountered, try gasoline of higher octane quality until you find the octane rating that controls knock.

• If you encounter knock after your new car has been driven several thousand miles, select a higher octane gasoline. According to API, as a new car is driven, the octane requirements increase due to build-up of combustion deposits in your engine.

NORTH CAROLINA DURHAM COUNTY

NOTICE OF SALE

UNDER AND BY VIRTUE OF the power of sale in a certain Security Instrument executed by Dennis H. Brewer,

dated March 15, 1972, default having been made in the payment of the indebtedness thereby secured and said Security Instrument being by its terms subject to foreclosure, the undersigned President of Durham V. A. Credit Union, Incorporated will offer for sale at Public Auction to the highest bidder for cash at the Courthouse Door in Durham, North Carolina, at 12:00 Noon on the 12th day of September, 1973, the following article of personal property:

One 1969 Model Ford Automobile, Serial No. 9Y84N109172.

This car may be seen at the home of Mr. Jim Williams, 5304 Kerley Road, Durham, North Carolina.

This 28th day of August, 1973.

DURHAM V.A. CREDIT UNION, INCORPORATED
BY: NATHANIEL DANIELS, PRESIDENT, WILLIAM A. MARSH, JR., ATTORNEY

Carolina Times: September 1, 1973

NORTH CAROLINA DURHAM COUNTY

IN THE GENERAL COURT OF JUSTICE SUPERIOR COURT DIVISION FILE NO. 73 CVS 3860

PAUL BRIDGES, JR., Plaintiff,
vs.
WILLIE FORREST MURRAY, et. ROY FRANK McCOLLUM; BOBBY POINTER, et. ELIZABETH B. PRETTY, Defendants.

NOTICE

TO: BOBBY POINTER
TAKE NOTICE that a pleading seeking relief against you has been filed in the above-entitled action. The nature of the relief being sought is as follows: Damages for personal injuries sustained by the Plaintiff in a motor vehicle accident on 4 July, 1971, Durham, Durham County, North Carolina.

You are required to make defense to such pleadings on or before the 11th day of October, 1973, and upon your failure to do so, the party seeking relief and service against you will apply to the Court for the relief sought.

This the 22 day of August, 1973.

BUMPASS, BELCHER & AVANT
BY: GEORGE L. BUMPASS, ATTORNEY FOR PLAINTIFF

September 1, 8, 15, 22

NORTH CAROLINA DURHAM COUNTY

IN THE GENERAL COURT OF JUSTICE SUPERIOR COURT DIVISION FILE NO. 71 CVS 759

HELEN TAPP, Plaintiff,
vs.
FRED BLOUNT, JR., BOBBY E. SPRUILL and MILTON N. MOORE, Defendants.

NOTICE

TO: FRED BLOUNT, JR.:
TAKE NOTICE that a pleading seeking relief against you has been filed in the above-entitled action. The nature of the relief being sought is as follows: Damages for personal injuries of HELEN TAPP sustained by the Plaintiff in a motor vehicle accident on 25 May, 1970, Durham County, North Carolina.

You are required to make defense to such pleadings on or before the 11th day of October, 1973, and upon your failure to do so, the party seeking relief and service against you will apply to the Court for the relief sought.

This the 23rd day of August, 1973.

BUMPASS, BELCHER & AVANT

BY: NATHANIEL L. BELCHER, ATTORNEYS FOR PLAINTIFF, 112 Dunstan Street, Durham, North Carolina 27707.

September 1, 8, 15, 22

NORTH CAROLINA DURHAM COUNTY

IN THE GENERAL COURT OF JUSTICE DISTRICT COURT DIVISION 73 Cvd 4390

COTENA JENKINS WELLS vs. JAMES WELLS

NOTICE TO: JAMES WELLS, DEFENDANT

TAKE NOTICE that a

pleading seeking relief against you has been filed in the above entitled action. The nature of the relief being sought is as follows: AN ABSOLUTE DIVORCE BASED ON ONE YEAR'S SEPARATION.

YOU ARE REQUIRED to make a defense to such pleading not later than October 12, 1973, and upon your failure to do so the party seeking service against you will apply to the Court for the relief sought.

This the 27th day of August, 1973.

C.O. PEARSON, ATTORNEY FOR PLAINTIFF, 203 1/2 E. Chapel Hill Street (Post Office Box 1428) Durham, North Carolina 27702.

The Carolina Times September 1, 8, 15, 22

NORTH CAROLINA DURHAM COUNTY

IN THE GENERAL COURT OF JUSTICE SUPERIOR COURT DIVISION FILE NO. 71 CVS 759

HELEN TAPP, Plaintiff,
vs.
FRED BLOUNT, JR., BOBBY E. SPRUILL and MILTON N. MOORE, Defendants.

NOTICE

TO: BOBBY E. SPRUILL:
TAKE NOTICE that a pleading seeking relief against you has been filed in the above-entitled action. The nature of the relief being sought is as follows: Damages for personal injuries of HELEN TAPP sustained by the Plaintiff in a motor vehicle accident on 25 May, 1970, Durham County, North Carolina.

You are required to make defense to such pleadings on or before the 11th day of October, 1973, and upon your failure to do so, the party seeking relief and service against you will apply to the Court for the relief sought.

This the 23rd day of August, 1973.

BUMPASS, BELCHER & AVANT

BY: NATHANIEL L. BELCHER, ATTORNEYS FOR PLAINTIFF, 112 Dunstan Street, Durham, North Carolina 27707.

September 1, 8, 15, 22

STATE OF NORTH CAROLINA

ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of Nathaniel Cozart of Durham County, this is to notify all persons having claims against the estate of Nathaniel Cozart to present them to the undersigned within six months from date of the first publication of this notice or same will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment.

This 18th day of Aug., 1973.

Mechanics and Farmers Bank, Administrator, Estate of Nathaniel Cozart, deceased, 116 West Parrish Street, Durham, North Carolina

August 18, 25; September 1, 8, 1973.

STATE OF NORTH CAROLINA

ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of Willie Rufus Jenkins of Durham County, this is to notify all persons having claims against the estate of Willie Rufus Jenkins to present them to the undersigned within six months from date of the first publication of this notice or same will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment.

This 18th day of Aug., 1973.

Mechanics and Farmers Bank, Administrator, Estate of Willie Rufus Jenkins, deceased, 116 West Parrish Street, Durham, North Carolina

stated that he was looking forward to the Citizen's Advisory Committee working with the Council in implementing the Program of Progress.

PUBLIC SERVICE NOTICE

The Black Democratic Caucus of South Carolina takes the position that the House reapportionment committee is mandated by the various holding of the U. S. Supreme Court and Justice Department to make a good faith attempt to reapportion the S.C. House of Representatives in accordance with the one man-one vote requirement.

We view the most recent reapportionment plan as proposed by the reapportionment committee to be a scheme intended to avert the intent of the one man-one vote concept.

It is obvious to us that it is

intended to perpetuate incumbents, minimize Black representation in the S.C. House of Representatives by diluting the Black vote and it further demonstrates an ineptness which could have been pre-empted by non-legislative representation on the committee.

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122 EAST MAIN STREET
DURHAM, N. C.

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UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

CAREER OPPORTUNITIES: Typists and Stenographers - \$5736 - \$6000. Business School or minimum one year experience. Excellent advancement opportunities. Apply UNC Employment Office, 108 Vance Hall. Equal Opportunity Employer.

FOR FAST SHOE SERVICE SEE MR. BOBBY SMITH AT NORTH DURHAM SHOE SHOP. SHOE REPAIR - NEW & USED SHOES - LOW PRICES AND QUALITY WORK.

Bobby Smith, Owner

North Durham Shoe Shop

801 N. Mangum St. Durham, N. C.

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508 E. PETTIGREW ST. DURHAM, N. C.

The Carolina Times

Can be Purchased at the Following Locations:

- ROBERT LEACH
102 1/2 EAST HILLSIDE AVE.
- Garrett's Biltmore Drug Store
PETTIGREW STREET
- Vinson & Quinton Ryan
OBIE DRIVE,
- Speight's Auto Service
COR. FAYETTEVILLE & PILOT STS.
- Coleman's Grocery Store
FAYETTEVILLE STREET
- Jackson Grocery Store
ENTERPRISE STREET
- Forest Hills Shopping Center
CHAPEL HILL BLVD.
- William Arthur Smith
2604 JANET STREET
- The Carolina Times Office
436 EAST PETTIGREW STREET
- Lawrence Harper
COR. FAY. & FOWLER or 315 BAXTER ST.
- Harris Shoe Shine Parlor
BANKS PLACE - FOWLER AVE. EXT.
- Ricardo D. Privette
234 BRASSY CREEK AVE.

The Mystery of the Brown Mountain Lights.

In the high green country past the Blue Ridge, there's a place called Brown Mountain. And if you drive out to Wiseman's View some warm, breezy summer night, you'll see a mystery that mountain folks have talked about for centuries. And scientists haven't been able to figure out for fifty years.

The Brown Mountain Lights. Some old-timers say they might be reflections of fires from the corn liquor stills. Others swear it's the devil out on his

nightly rounds. After you've seen the lights shining and dancing at the top of the mountain, you'll have to decide for yourself.

The Brown Mountain Lights are a little part of the folklore of the high country of North Carolina.

Where craftsmen still make wooden furniture and warm blankets by hand. Where fresh, clear



trout streams still race through the high mountain valleys. And where summer nights are cool and starry and pine-scented.

See all of your state this summer. The High Country is just a part of the most beautiful state in America. Yours.

Travel & Promotion Div., Dept. A
P.O. Box 27687,
Raleigh, N.C. 27611

Please send me free Mini-Tour Information

Name _____
Address _____
City _____ Zip _____

North Carolina.

Our state...it's great! Discover it this year.